

CLAIM AMENDMENTS

1. (Currently Amended) A system for treating breast tissue, comprising:

a cannula having a proximal end, a distal end, and a first at least one fluid conveying lumen extending between the proximal and distal ends, the distal end cannula configured for insertion into a breast duct such that the first at least one lumen is in fluid communication with the breast duct; and

a tissue diagnostic device disposed slidably disposable within the first at least one lumen; and

a tissue treatment device slidably disposable within the at least one lumen.

2. (Original) The system of claim 1, wherein the tissue diagnostic device comprises a spectrometer.

3. (Withdrawn-Currently Amended) The system of claim 1, further comprising an a first electrode secured to the a distal end of the cannula, wherein the tissue treatment device comprises a second electrode in a bipolar arrangement with the first electrode.

4. (Currently Amended) The system of claim 1, further comprising an electrode that is slidably disposed within the first lumen wherein the tissue treatment device comprises an ablation electrode.

5. (Withdrawn-Currently Amended) The system of claim 1, further comprising wherein the tissue treatment device comprises an optical fiber for delivering laser energy, the optical fiber secured to, or slidably disposed within the first lumen of, the cannula.

6. (Withdrawn-Currently Amended) The system of claim 1, further comprising wherein the tissue treatment device comprises an ultrasonic transducer secured to, or slidably disposed within the first lumen of, the cannula.

7. (Currently Amended) The system of claim 1, further comprising a media delivery device coupled to the proximal end of the cannula at least one lumen.

8. (Currently Amended) The system of claim 1, further comprising an aspirator coupled to the proximal end of the cannula at least one lumen.

9. (Currently Amended) The system of claim 1, the cannula having a second lumen extending between the distal and proximal ends, and further comprising an a tissue imaging device secured to, or slidably disposed within, the second lumen slidably disposable within the at least one lumen.

10. (Withdrawn-Currently Amended) The system of claim 9, wherein the imaging device comprises a CCD camera secured to the cannula.

11. (Original) The system of claim 9, wherein the imaging device comprises an endoscope.

12-14 (Cancelled).

15. (Currently Amended) A system for treating breast tissue, comprising: a cannula having a proximal end, a distal end, and a fluid conveying lumen extending between the proximal and distal ends, the distal end cannula configured for insertion into a breast duct such that the lumen is in fluid communication with the breast duct;

an a tissue imaging device for providing imaging functionality to the cannula slidably disposable within the lumen; and

an energy delivery a tissue treatment device secured to, or slidably disposed within the lumen of, the cannula.

16. (Currently Amended) The system of claim 15, wherein the energy delivery tissue treatment device comprises an ablation electrode.

17. (Withdrawn-Currently Amended) The system of claim 15, wherein the energy delivery tissue treatment device comprises an optical fiber for delivering laser energy.

18. (Withdrawn-Currently Amended) The system of claim 15, wherein the energy delivery tissue treatment device comprises an ultrasonic transducer.

19. (Currently Amended) The system of claim 15, further comprising a media delivery device coupled to the proximal end of the cannula lumen.

20. (Currently Amended) The system of claim 24 15, the cannula comprising a plurality of lumens extending between the proximal and distal ends, and further comprising an aspirator coupled to the distal end of the cannula and configured to create a suction within one of the lumens lumen.

21-67. (Cancelled)

68. (Newly Added) The system of claim 1, wherein the tissue diagnostic device and the tissue treatment device are slidably disposable within the same one of the at least one lumen.

69. (Newly Added) The system of claim 1, wherein the at least one lumen comprises two lumens.

70. (Newly Added) The system of claim 15, wherein the tissue treatment device is slidably disposable within the lumen.

71. (Newly Added) A system for treating breast tissue, comprising:
a cannula having a fluid conveying lumen, the cannula configured for insertion into a breast duct such that the lumen is in fluid communication with the breast duct;
a tissue diagnostic device slidably disposable within the lumen; and
a tissue treatment device slidably disposable within the lumen.

72. (Newly Added) The system of claim 71, wherein the tissue diagnostic device comprises a spectrometer.

73. (Newly Added) The system of claim 71, further comprising a first electrode secured to distal end of the cannula, wherein the tissue treatment device comprises a second electrode in a bipolar arrangement with the first electrode.

74. (Newly Added) The system of claim 71, wherein the tissue treatment device comprises an ablation electrode.

75. (Newly Added) The system of claim 71, wherein the tissue treatment device comprises an optical fiber for delivering laser energy.

76. (Newly Added) The system of claim 71, further comprising a media delivery device coupled to the lumen.

77. (Newly Added) The system of claim 71, further comprising an aspirator coupled to the lumen.

78. (Newly Added) The system of claim 71, further comprising a tissue imaging device slidably disposable within the lumen.

79. (Newly Added) The system of claim 78, wherein the imaging device comprises a CCD camera.

80. (Newly Added) The system of claim 78, wherein the imaging device comprises an endoscope.